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PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-137189

(43)Date of publication of application : 30.05.1995

(51)Int.CI.

B32B 5/18
B32B 3/30
B32B 25/08
B32B 27/32
// C08K 5/00
C08K 5/14
C08L 23/00
C08L 23/10
C08L 23/16

(21)Application number : 05-285185

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(22)Date of filing : 15.11.1993

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(54) LAMINATION OF THERMOPLASTIC ELASTOMER COMPOSITION

(57)Abstract:

PURPOSE: To ensure that the amount of bleeding oil is very small and an appearance is more presentable by partially cross-linking a mixture of an oil-extended olefinic copolymer rubber containing a specific mineral oil softener and a propylene polymer resin and laminating a foam layer on the surface of the mixture.

CONSTITUTION: A mixture of 0.005 to 2 pts.wt. of anorganic peroxide and 0.01 to 4 pts.wt. of a cross-linking agent formulated with a total of 100 pts.wt. of 40 to 95 pts.wt. of oil-extended olefin copolymer rubber which contains 20 to 150 pts.wt. of a paraffinic mineral oil softener per 100 pts.wt. of ethylene- propylene-non-conjugated diene rubber, with 120 to 350 of Mooney viscosity at 100°C (ML1+4100°C), is partially cross-linked. In addition, a thermoplastic elastomer composition layer with an embossed surface is laminated on a polyethylene or polypropylene foam layer.

LEGAL STATUS

[Date of request for examination] 19.02.1997

[Date of sending the examiner's decision of rejection] 03.10.2000

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

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